

AN 1978:602710 CAPLUS  
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TI Copper alloy with good drawability  
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SO Jpn. Kokai Tokkyo Koho, 3 pp.  
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DT Patent  
LA Japanese

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PI	JP 53070916	A	19780623	JP 1976-146308	19761206
	JP 58030378	B	19830629		
PRAI	JP 1976-146308	A	19761206		

AB The Cu alloy contained 0.0003-0.015% O and 0.01-0.05% Se and could be drawn to  $\leq 0.2$  mm diameter wire. The alloy was heated at 850° for 2 h, drawn to 8 mm diameter, pickled, drawn to 2.0 mm, annealed at 400° for 2 h, and drawn to 0.08 mm with no breaking being observed for 40 kg vs. 2 with tough pitch Cu. When annealed further at 450° for 2 h, the conductivity was 99.8-101.1% IACS, tensile strength 24-2-5.6 kg/mm<sup>2</sup>, and elongation 34.8-6.5%.